



Eleventh Air Force

I n t e g r i t y - S e r v i c e - E x c e l l e n c e

Alaska Civil/Military Aviation Council

Welcome!

Please Check in at Sign-up

Table



Eleventh Air Force

Integrity - Service - Excellence

Airspace Management Team
Joint Base Elmendorf-Richardson

Maj Bill Moody



Eleventh Air Force

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Silence ADMINISTRATION cell phones and other accessories

**Please ensure you have signed in
Hold questions until the end of presentations**

Introductions

**11 AF/CV - ACMAC Chairman
Breaks**



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**Alaska Civil/Military
Aviation Council**

Col Patrick Moylan



353d Combat Training Squadron



RED FLAG-Alaska FY-11 ACMAC Update



**Mr. Pete “Bruster” Bussa
Operations, 353 CTS**

U.S. AIR FORCE



RF-A Exercise Plan



- **RF-A 11-1 (14-29 April 11)**
 - Fam Day (15 Apr 11)
- **Eielson 12 x F-16C+**
- **Osan 12 x F-16**
- **Kadena 12 x F-15C / 1 x E-3**
- **Germany 8 X Eurofighter/2xC-160**
- **Netherlands 12 x F-16**
- **NATO 1 x E-3C**
- **TTF TBD**

- **60+ aircraft / 1,300 participants**
- **Netherlands DF 16 Mar -**

- **NE-11 (06-17 June 11)**
 - Fam Day (03 Jun 11)
- **US units TBD**
- **NE-09--210+ aircraft**
- **9,000 participants**



RF-A Exercise Plan

■ RF-A 11-2 (07-22 July 11)

- Fam Day (08 Jul 11)

- Kunsan 12 x F-16

- Kadena 12 x F-15C / 1 x E-3

- Elmendorf 1 x E-3

- Brazil 6 x AMX/A1 / KC-137
1 x C-130

- Italy 8 X Eurofighter

- Japan 6 x F-15J / JAWACS
2 x KC-767 / 3 x C-130

- Thailand 1 x C-130

- Romania 1 x C-130

- 60+ aircraft / 1,600 participants

■ RF-A 11-3 (11 - 26 Aug 11)

- Fam Day (12 Aug 11)

- Elmendorf 12 x F-22

- Canada 10 x CF-18 / C-130

- UK ? x GR-4 / 1 x E-3D

- 60+ aircraft / 1,100 participants

- GPS JAMMING

RED FLAG-Alaska

Questions?

ALASKA CIVIL/MILITARY AVIATION COUNCIL

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AIRFIELD STATUS UPDATE

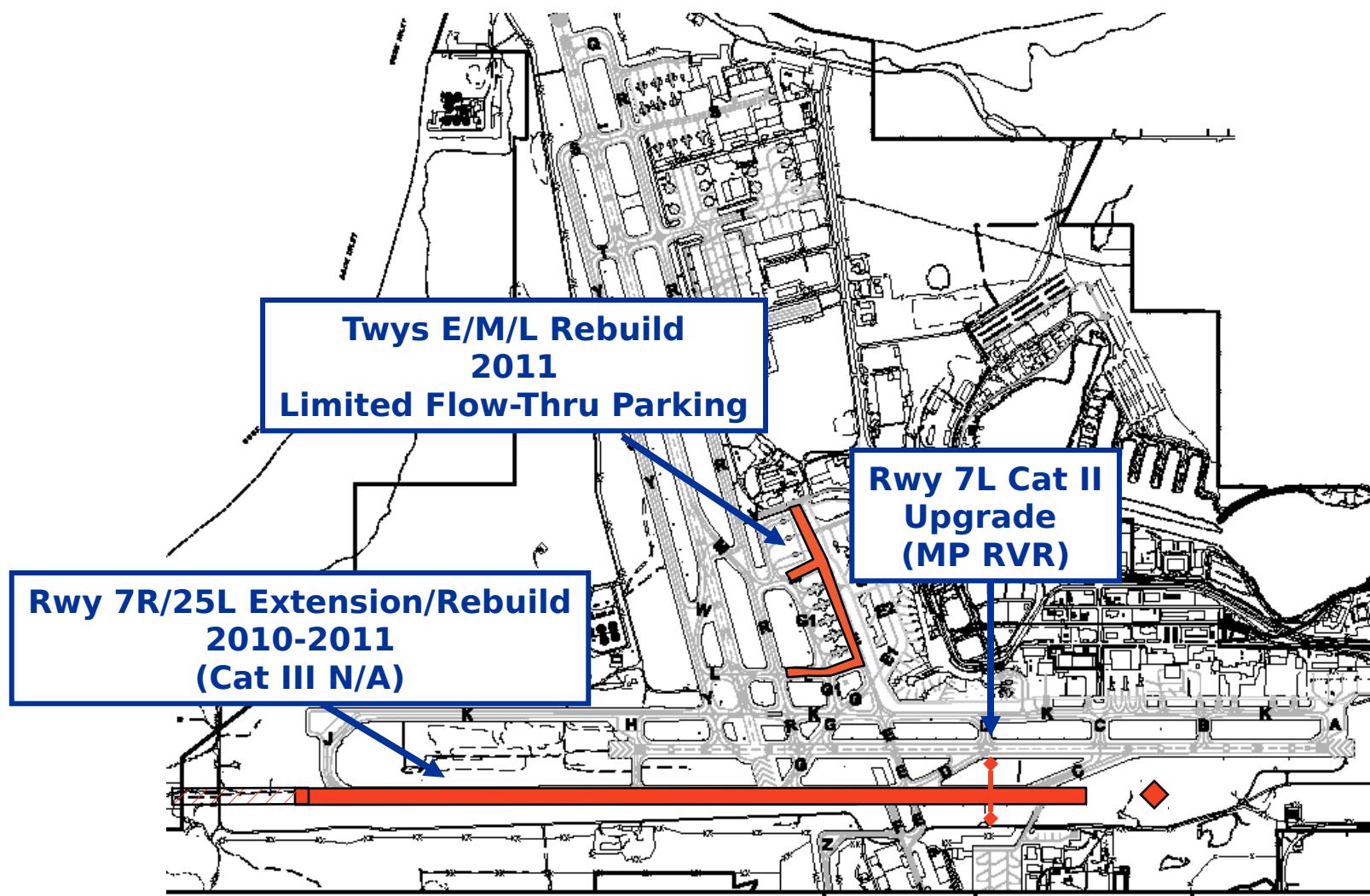


Airport Presentations from:

- Ted Stevens Int'l - Mr. Iagulli**
- Elmendorf AFB - Mr. Cramer**
- Fairbanks Int'l - Ms. Osborn**
- Allen Army Airfield - Mr. Knight**
- LADD Army Airfield - Mr. Ferguson**
- Bryant Army Airfield - Mr.**

Ted Stevens International

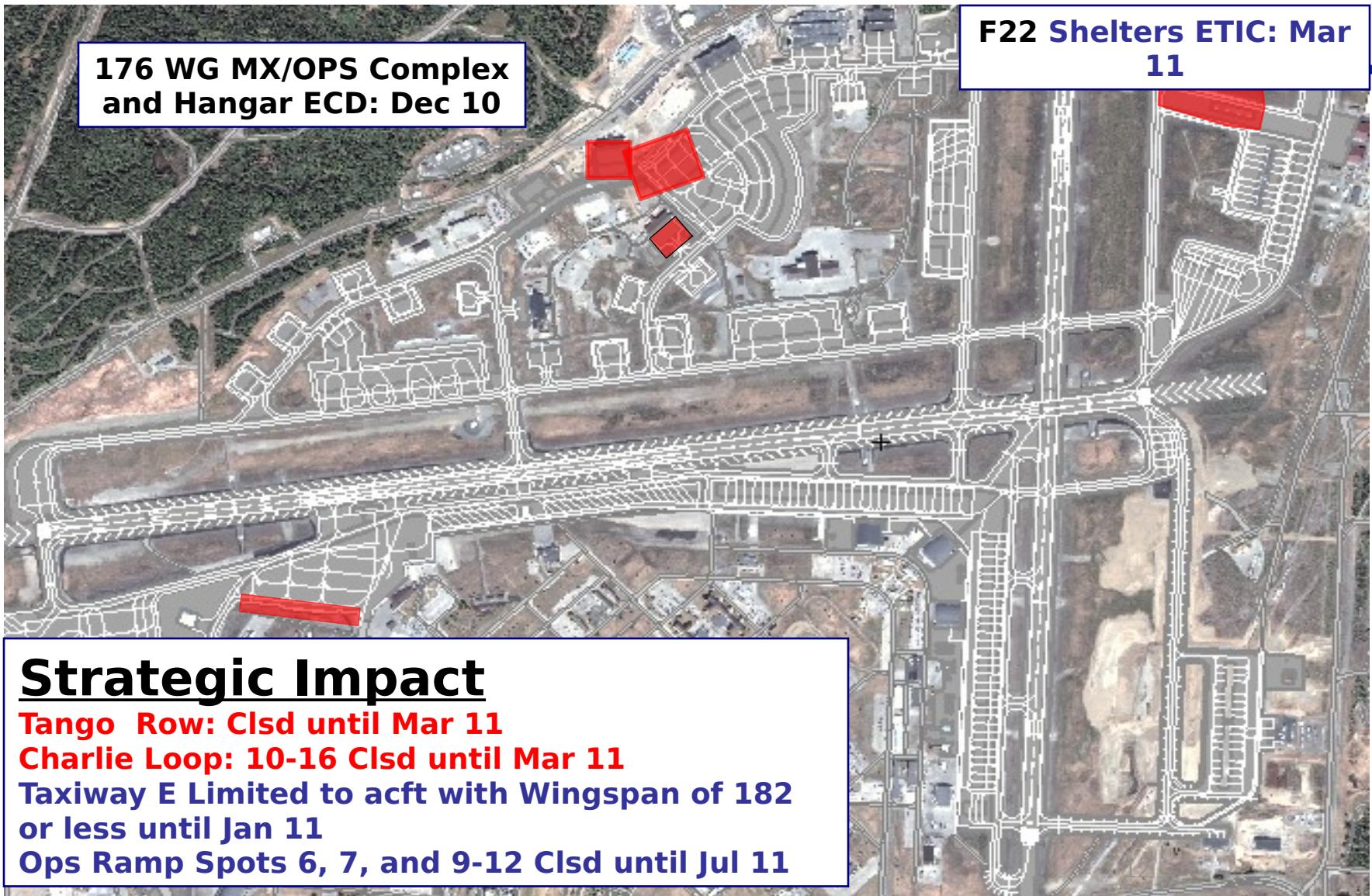
Major Airfield Projects 2009-2011



Ted Stevens Anchorage International

CONSTRUCTION PROJECTS / NAVAIDS	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Rebuild/Extend Rwy 7R/25L	East half – Summer 2010 West half – Summer 2011	2010 Const Complete 2011 No Cat III avail
Rwy 7L Cat II Upgrade	Spring 2010	Complete and commissioned
Twy E/L/M Rebuild	Summer 2012	Limited Heavy Acft Parking
Rwy 7L Rebuild	Summer 2013	Limited Taxi routes

Elmendorf AFB



Elmendorf AFB

Short-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Awaiting Final Inspection on Helipad	Oct 2010	Additional Alert Msn at EDF
176 WG move to EDF	Dec 2010	Increase C-130/HH-60 ops
Ops Ramp South	Aug 2011	Limited Transient Parking

Elmendorf AFB

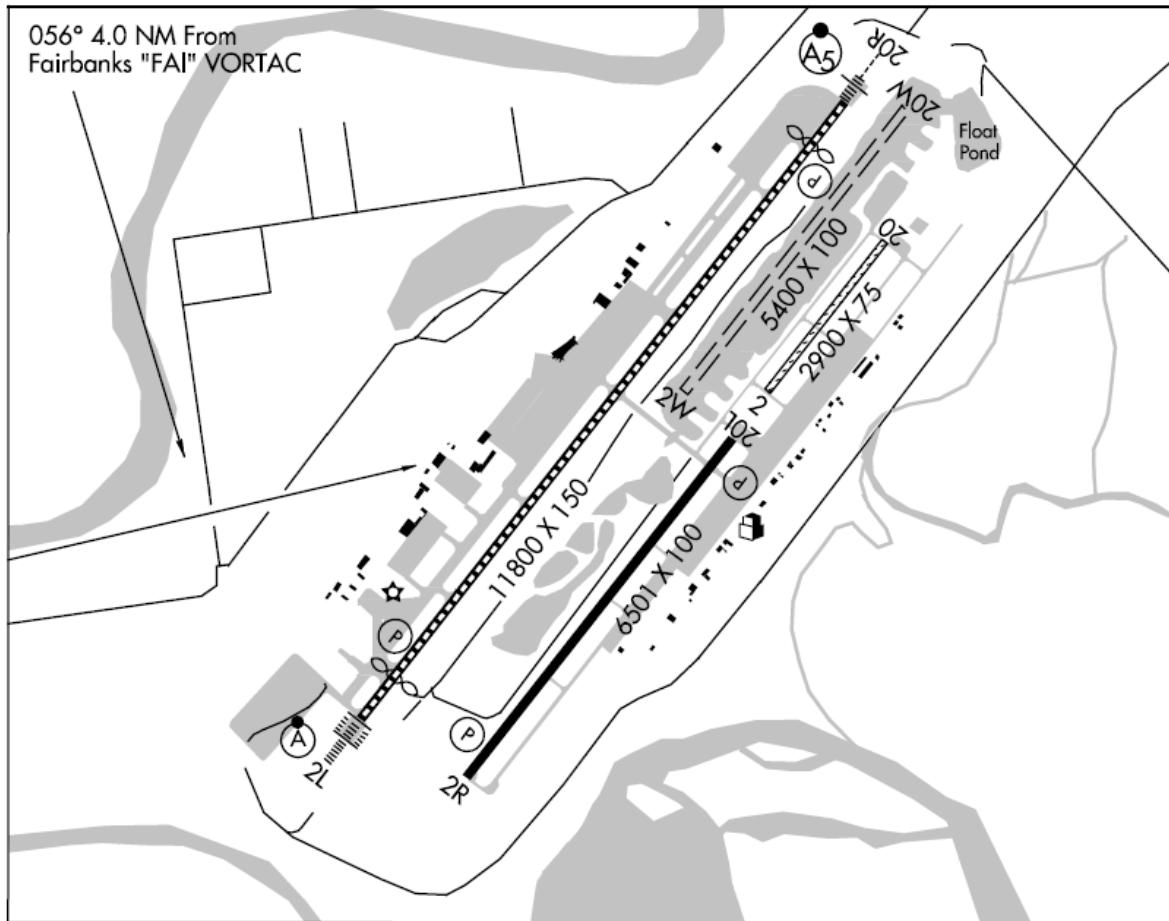
Long-Term

**CONSTRUCTION
PROJECTS / NAVAIDs**
Complete Fighter
town

**CONSTRUCTION
PERIOD**
Present-2011

**EFFECTS/LIMFACs/
TEMPORARY OPS**
Primary departure for
F-22 off Rwy 34.

Fairbanks International



Fairbanks International

Short-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
East side access control improvements	Summer 2010 **Nearing completion**	None/GA only
ARFF re-roof	Summer 2010 **Nearing completion**	None
CNA LOC (02L)	Faulty connector repaired.	CAT III reauthorized after 08Oct10 (est.)
Approach light grout repair-RWY 02L/20R	Summer 2011	30 min PPR for unscheduled acft at night (1 week)

Fairbanks International

Long-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS

None!

Allen Army Airfield



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Allen Army Airfield

Short-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTIO N PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Runway 7/25 Perimeter Fence Repair	6-8 October 2010	Temp 3-Day Closure

Allen Army Airfield Long-Term

CONSTRUCTION PROJECTS / NAVAIDS	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
None Planned		

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Allen Army Airfield Fuel Point



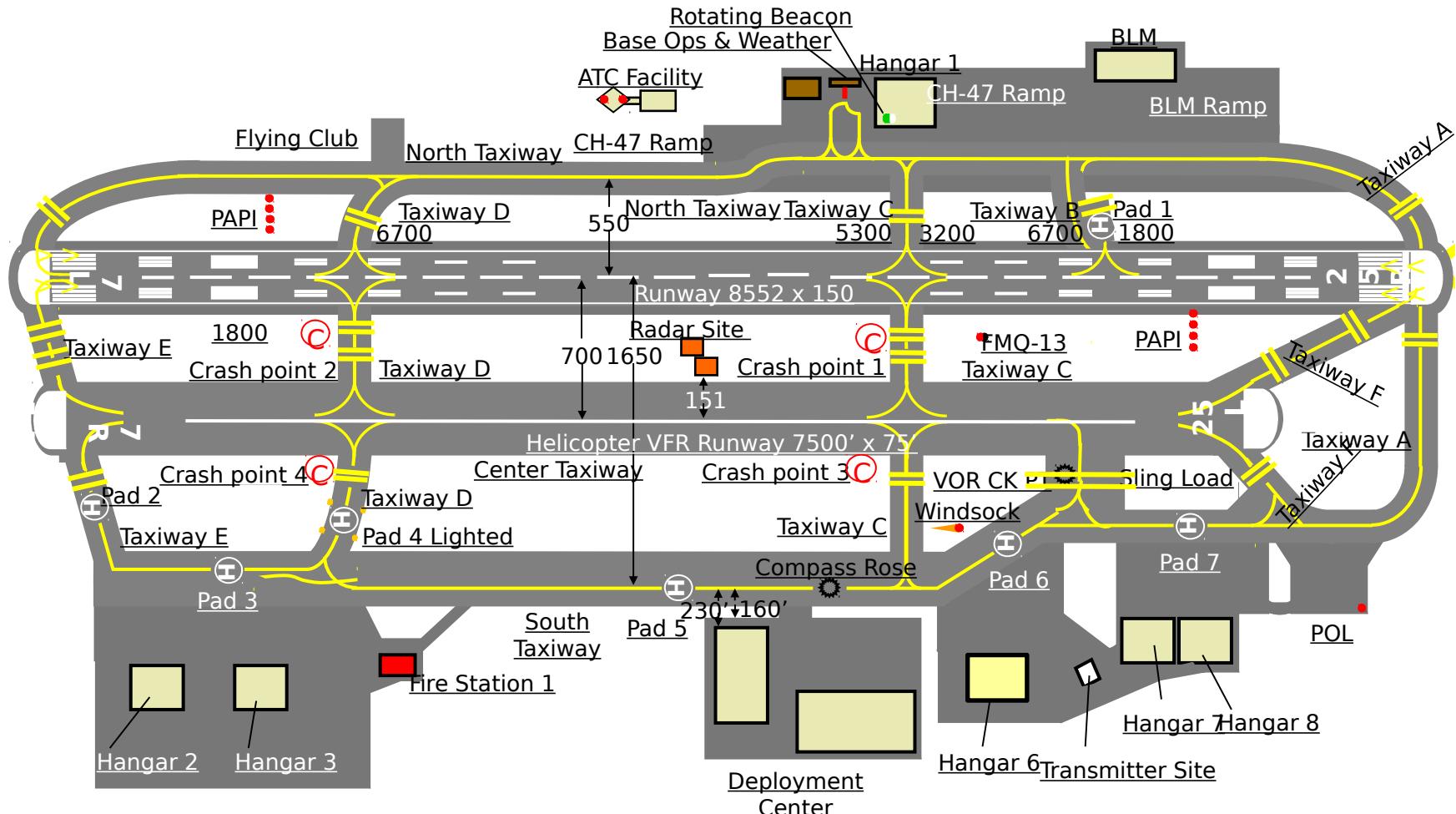
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Alaska Army Airfield BAK-12 Aircraft Arresting System



I n t e g r i t y - S e r v i c e - E x c e l l e n c e

LADD Army Airfield



I n t e g r i t y - S e r v i c e - E x c e l l e n c e

LADD Army Airfield

Short-Term

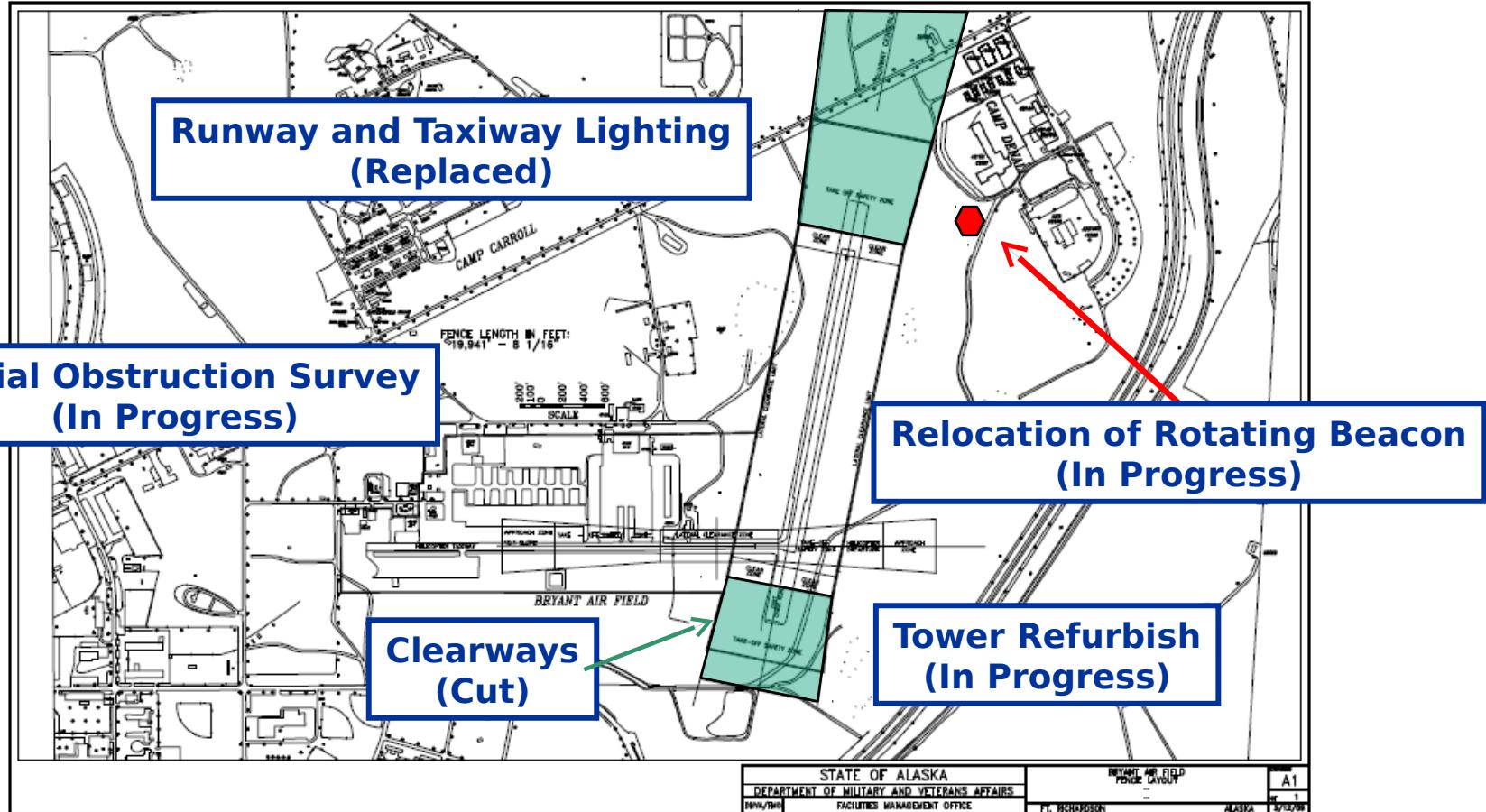
CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/TEMPORARY OPS
ALSF 1 RUNWAY 07	JUN-OCT 2010	N/A
NEW POL FACILITY	JUN-OCT 2010	COMPLETED SEP 2010
Fence in Airfield	MAY-OCT 2010	N/A

LADD Army Airfield

Long-Term

CONSTRUCTION PROJECTS / NAVAIDS	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/TEMPORARY OPS
R&R AFLD LIGHTING REGULATORS	AUG-SEP 10	COMPLETED SEP 2010
AV BDE FACILITIES	SUMMER 2011-2013	MIN IMPACT/NOTAM

Bryant Army Airfield



Bryant AAF Short-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Tower Refurbish/Upgrade	Underway	A/F Lighting Sporadic
Relocate Rotating Beacon	Spring 2011	Notam O/S
AWOS Repaired	Completed	Operation Limited, Not Certified
Obstacle Mitigation	Underway	None
Wildlife/BASH Program	Summer 2011	None

Bryant AAF

Long-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Runway Resurface	TBD	No F/W Operations
Taxiway Alpha Resurfacing	TBD	No F/W Operations
Area Obstruction Survey	Underway	Minimal
Hangar 6 Addition/Shops	March 2012	Minimal
Force Protection Survey	Underway	Minimal
Hangar 1 Apron/Taxiway	Summer 2011	Area Closed
Hangar 6 Apron/Taxiway	Summer 2011	Area Closed
Hangar 4 Parking/Taxiway	Summer 2011	Area Closed
Aircraft Loading Apron	March 2016	Minimal

Bryant AAF Long-Term



Eielson AFB



I n t e g r i t y - S e r v i c e - E x c e l l e n c e

Eielson AFB

Short-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Taxiway Golf (phase 1 of 6)	TBD	Not funded, but guaranteed Straddle A funding
Taxiway Golf; install taxiway lighting	TBD	Companion project to shoulder work
Repair Romeo ramp spots 1-7	TBD	Planned for mill/fill between Red Flags
Repair POL damage to 18 AGRS parking area in front of 8- bay/4-bay	TBD	Limited effect

Eielson AFB

Long-Term

CONSTRUCTION PROJECTS / NAVAIDs	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
Repair Golf Twy (P2-P5)	AWT Funding	Golf Closed; will affect Red Flag Arming area
Repair South Loop (P1- P2)	AWT Funding	South Loop Closed; will affect Red Flag weapons load area

QUESTIONS?



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BREAK TIME



Fall 2010 ACMAC **GPS Jamming**

**Air Force
Representative to the
FAA**

Lt. Col. Scott Babos

Fly, Fight and Win...in Air, Space, and Cyberspace



Fall 2010 ACMAC

GPS Jamming

- **GPS Jamming - RFA 10-03**
 - AF submitted request to FAA on 8 July
 - Coordination process was incomplete
 - AF had opportunity to re-attack, chose not to out of concern for public confusion
 - Jamming plan was cancelled

Fly, Fight and Win...in Air, Space, and Cyberspace



Fall 2010 ACMAC **GPS Jamming**

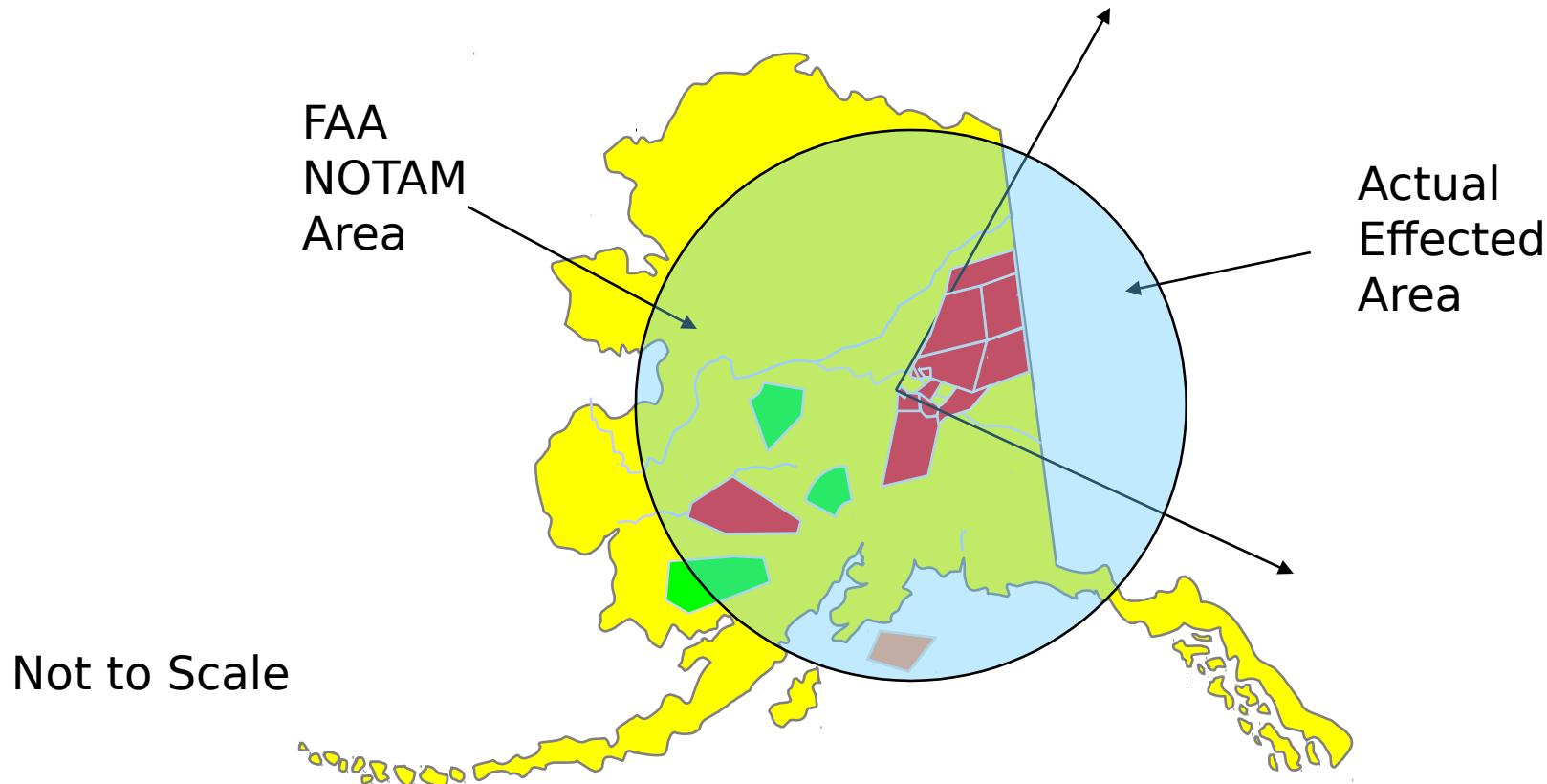
- **GPS Jamming - RFA 11-3 (August -2011)**
 - Times
 - Azimuth
 - Range
 - Altitude
 - NOTAM continues to be biggest concern
 - Will submit to FAA NLT 90 day prior for approval
- **NOTAM resolution is the way ahead**
 - Increased Air Force/FAA senior leadership involvement
 - Clarify NOTAM program outputs to more accurately reflect affected airspace

Fly, Fight and Win...in Air, Space, and Cyberspace



U.S. AIR FORCE

Fall 2010 ACMAC **GPS Jamming**



Not to Scale

Fly, Fight and Win...in Air, Space, and Cyberspace

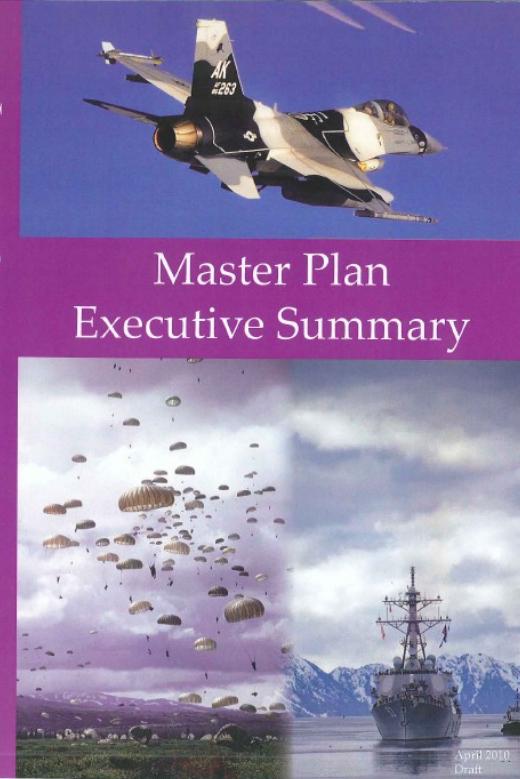


U.S. AIR FORCE

QUESTIONS?



Joint Pacific Alaska Range Complex



Master Plan Executive Summary

April 2010
Draft



The JPAC: Coping with Change; Realizing Exceptional Potential



DoD Training Range Challenges

- ***"To properly prepare U.S. Forces for combat, DoD must train at ranges that encompass all the terrain, land cover, and climate conditions that military personnel and weapon systems may encounter during deployment.... sustaining these ranges is critical to ensuring readiness."***

2008 Report to Congress on Sustainable Ranges, OSD

USD P&R

- **Trends Shaping Range Development and Sustainment:**
 - Encroachment challenges to existing ranges
 - Limited/reduced funding
 - New platform training requirements (UAS, 5th Gen, net-centric, etc.)
 - Joint training doctrine: true joint interoperability demands mission rehearsals—tactical through operational levels of war
 - Electronic warfare capabilities....ours and our competitor's



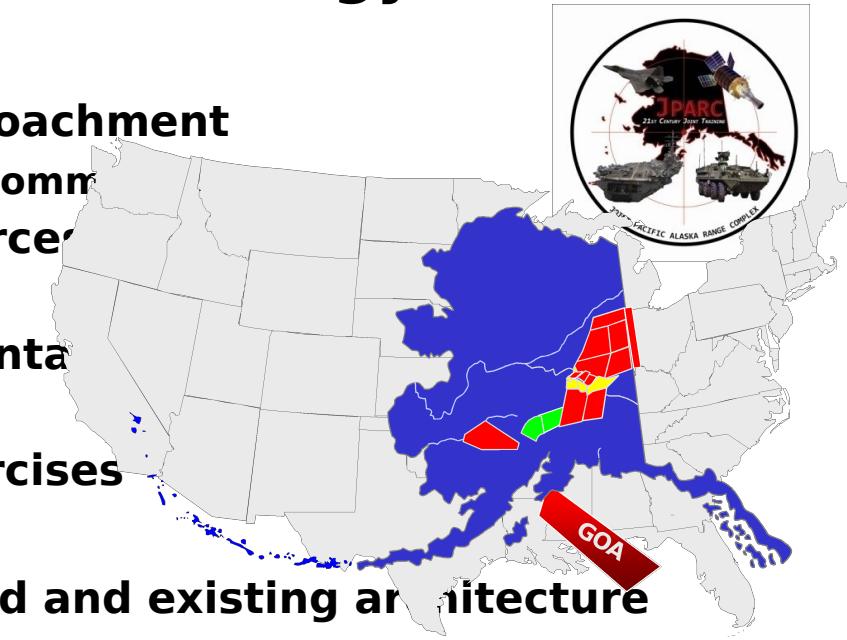
The Questions We're Asking

- **How is Alaska impacted by trends shaping range development and sustainment?**
- **What is the business model needed to achieve efficiencies and improved effectiveness across current Alaska capabilities, while also driving to a desired joint future?**

Why Alaska?

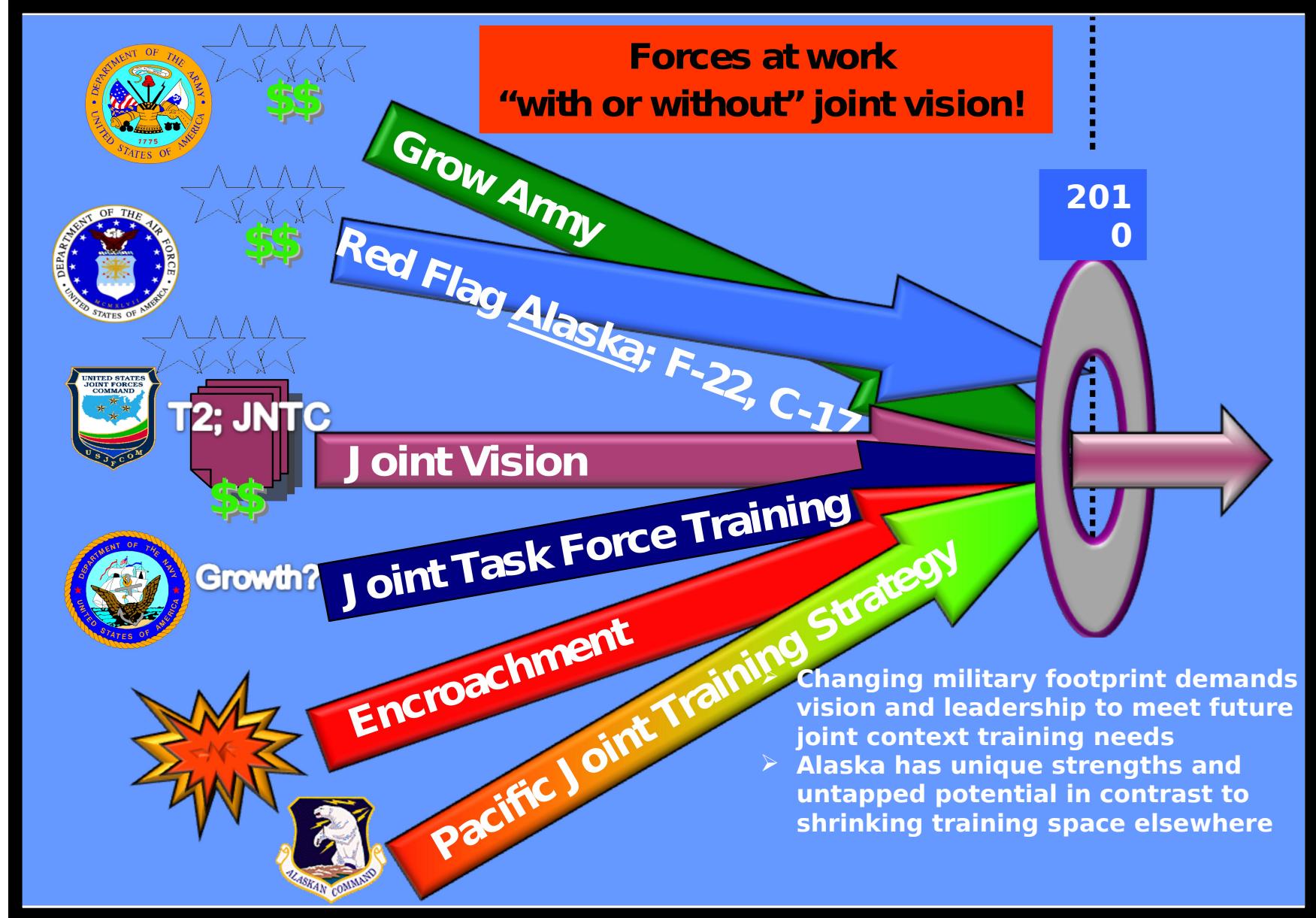


- **Alaska is a component of DoD's 21st century range development and sustainment strategy.....**
- **Compelling points:**
 - ✓ Vast all domain capacity—little encroachment
(environmental, commercial, host comm)
 - ✓ Alaska-based Air Force and Army forces
 - ✓ Base infrastructure/Range instrumentation
 - ✓ Established joint and combined exercises
 - ✓ Live-virtual-constructive track record and existing architecture
 - ✓ “US soil” enables “US Only” vignettes—we maintain control of scenarios, but can play coalition too
 - ✓ Mainly Positive local/state environment for action—AMFAST = Alaska Military Force Advocacy & Structure Team





Why Alaska Now?



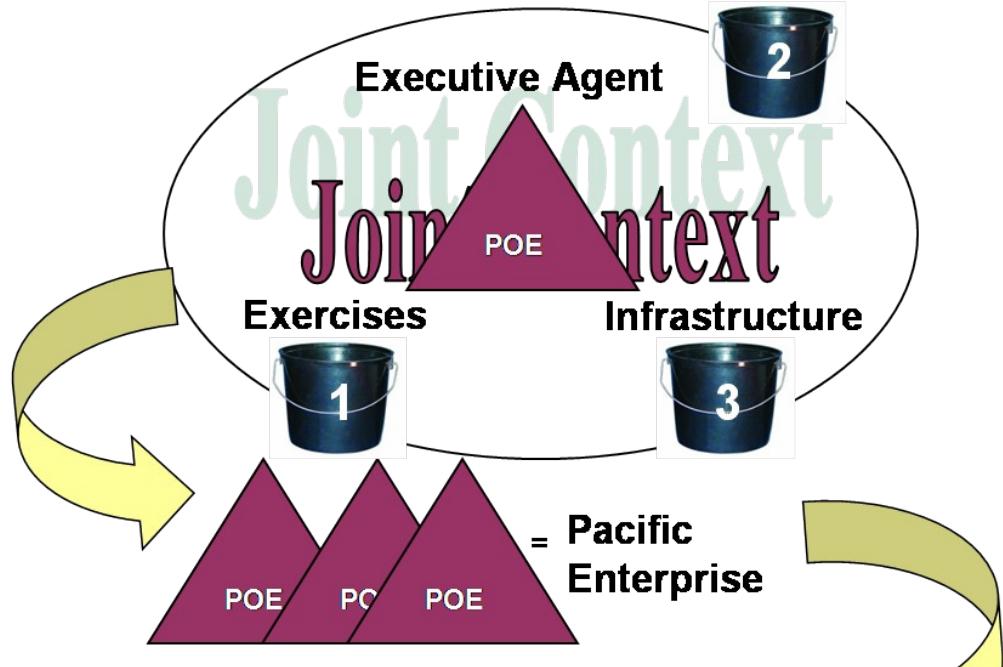
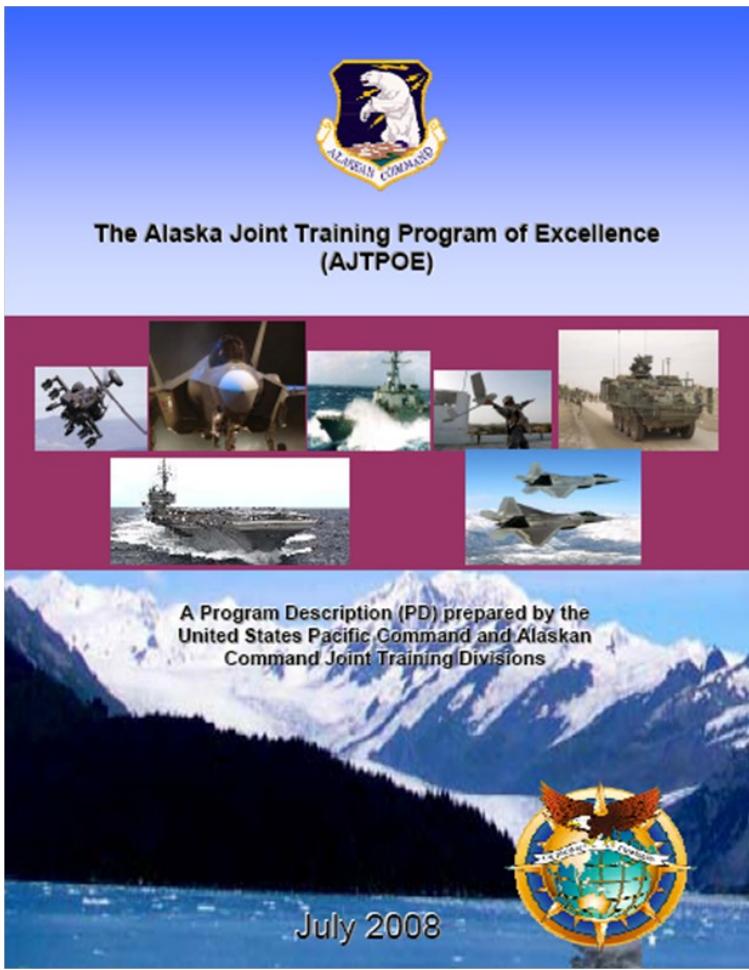


What We're Doing

- Under US Pacific Command sponsorship, created the Alaska Joint Training Program of Excellence, with JPARC as its centerpiece
 - Accredited by JFCOM, December 2009 Report
 - A main focus is on USPACOM equities....warfighting capability gaps, war plan mission rehearsals
- Created an Alaska Joint Range Strategic Working Group
 - Bring Stakeholders together; get in front of conflict; seek joint synergies
- Seeking communications with federal, tribal, state, local, private interest groups
- A factor in the activation of Alaska Governor appointed Alaska Military Force Advocacy and Structure team (AMFAST)
- Gained funding for a comprehensive JPARC Environmental Impact Study (EIS).



Alaska Joint Training Program of Excellence



Alaska POE is the prototype: JNTC attributes sorted into three “buckets (EA, Training Events, Infrastructure)

- ✓ Target COCOM Capability Gaps (IPL)
- ✓ Conduct Mission Rehearsals
- ✓ JTEN Expansion
- ✓ LVC growth
- ✓ Joint Live Range Development

Alaska Joint Range Strategic Working Group

Yesterday



Legacy Thinking:

- Separate vectors
 - Funding
 - Requirements
 - Goals
- Few COCOM equities
- Missed opportunities
- Un-foreseen conflict

Today



Joint Vision:

- Coordinate vectors
- Represent COCOMs
- Pursue joint funding
- Anticipate opportunities
- Seek synergy
- Pre-empt conflict

Tomorrow?

All Domain
JPARC
(add Space,
Cyber)

21st Century Capability:

- | Live-Virtual-Constructive
- | Tactical → Operational
 - Service MET to Joint context
- | Mission rehearsals
- | Leaders in creativity and joint process
- | Exploit Alaska's strengths

**De-conflicted Ops
and Training**



**Integrated Ops and
Training**

- Requirements + Visioning + Strategies = JPARC Master Plan; unconstrained long term planning horizon; 1st draft June 2010
- Master Plan Captures both “Decision-ready” projects and future “Programmatic” projects
- Decision-ready projects are put forward for EIS consideration in the Description of Proposed Action and Alternatives (DOPAA)
- DOPAA “goes public” with formal government announcement in public register - Notice of Intent (NOI)
- Public Scoping is the process wherein DoD goes out to impacted communities to solicit their inputs/comments
- EIS process is federally mandated to be iterative work-in-progress; expected completion 2013



Questions?



2010 Pattern Reset Briefing



Maj Katie Buss
3 OG/OGV

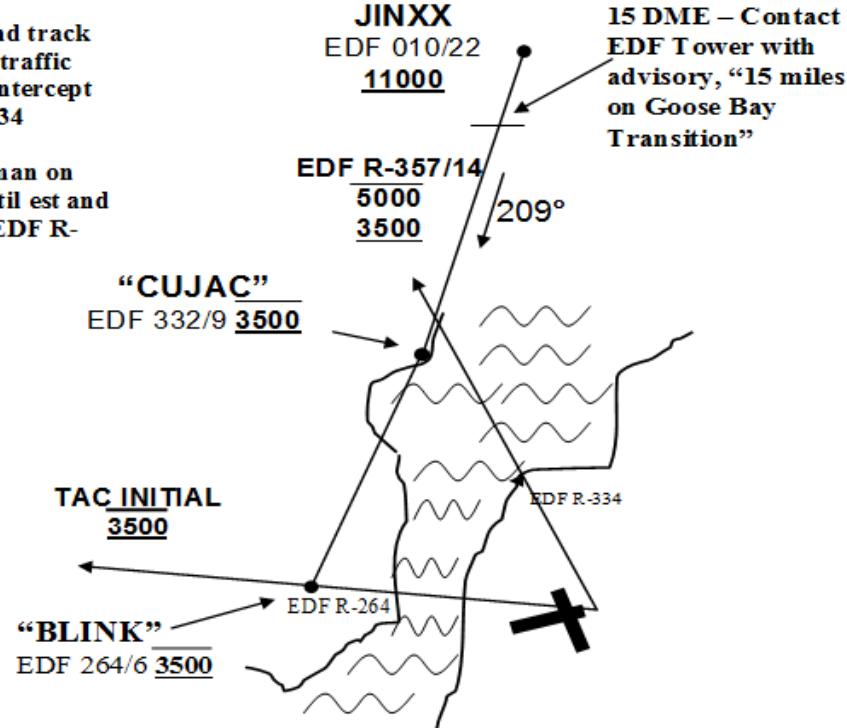


Goose Bay Transition*

Goose Bay Transition RADAR REQUIRED

Follow ground track to avoid dep traffic climbing to intercept the EDF R-334 outbound.

*Keep wingman on right side until est and inbound on EDF R-264.



Notes:

- If you intend to land on Rwy 24,16 or 34, you will still proceed to Blink.
- If not VMC by EDF R-357/14: notify approach, proceed to CUJAC. At CUJAC, fly heading 240° and expect vectors. DO NOT cancel IFR and proceed direct initial.
- If Wx < 4000/5: request "vectors ILS" or "ILS Gnd Track" on initial contact with Anch Appch. Expect a SW vector and descent near JINXX.
- Request the 14 DME restriction be deleted if unable due to wx or wingman considerations.

LOST COMM:

- VFR: Proceed to Rwy 06 via Blink. Rock wings on initial and land with a green light from tower.
- IMC: SQUAWK 7600. At CUJAC fly heading 240° and join the EDF 18 DME Arc west of EDF. Arc south and join the EDF R-239 to KNOBE. Cross KNOBE at or above 2200 and execute ILS Y or TACAN Rwy 06 approach.



"New" Goose Bay Transition vs. Dep Rwy 24

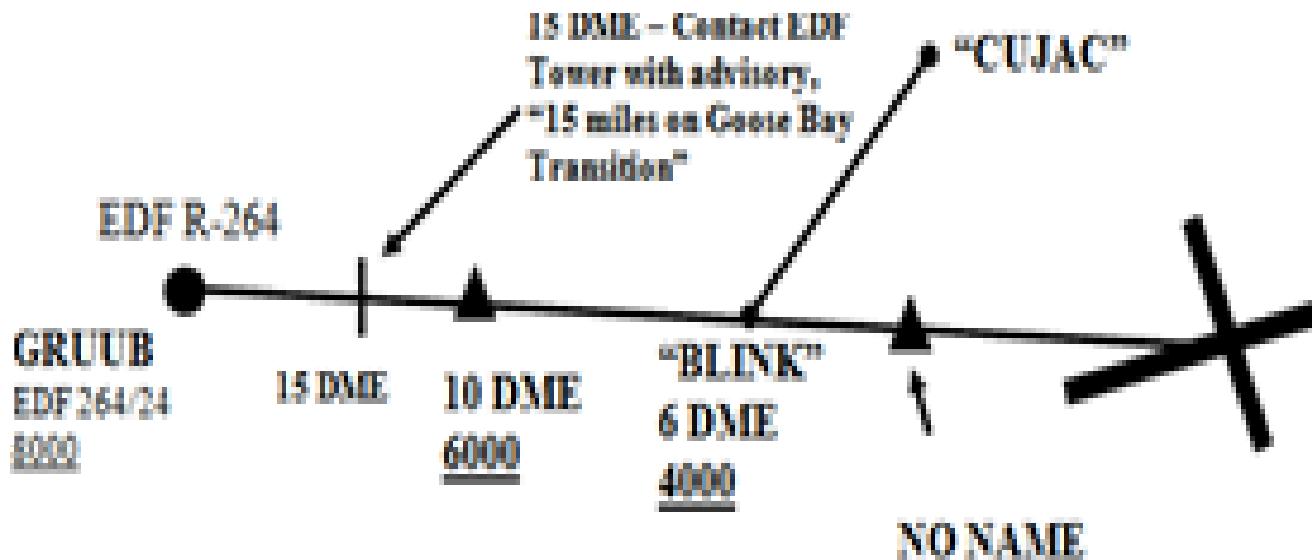




No-Name Transition to Tac Initial*



- Defines “BLINK” = West VFR Entry Point



Required: 4000' MSL/3NM; once “visual with the field” is declared, visual flight rules apply.

By 500' separation exists between Goose Bay and Deska traffic. DESKA TRAFFIC: Delay descent to 3500' until in channel. Always verify clearance below prior to descent.

Lost Comm:

- VMC: Rock wings on Initial and land with a green light from tower.
- IMC: Squawk 7600 – at 0.6 DME, turn left direct HOBBS (EDF 304/13) at 3000' MSL and execute ILS Y TACAN RWY 06 approach.



Fighters*

Tac Initial Rwy 6 & 24 @ 3,500' MSL



TAC INIT RW 6/24

3500' From Cujac

3500' From Deska

3500' Mid-Channel

1700' Feet Dry

EDF 332/09
N61.24 W 149.48

EDF 264/06

EDFR-264

"Cujac"

"Deska"

"Blink"

R2203

Glenn Hwy

- Request Goose Bay or No-Name Transition to Tac Initial
- Min Wx required: 4000' MSL/5NM
- Max A/S: 300 KTS
- No Name Transition has priority
 - From MATSU FIVE ARRIVAL, Goose Bay Trans
 - From DESKA FOUR ARRIVAL, No Name Trans

TAC INT RW 6:

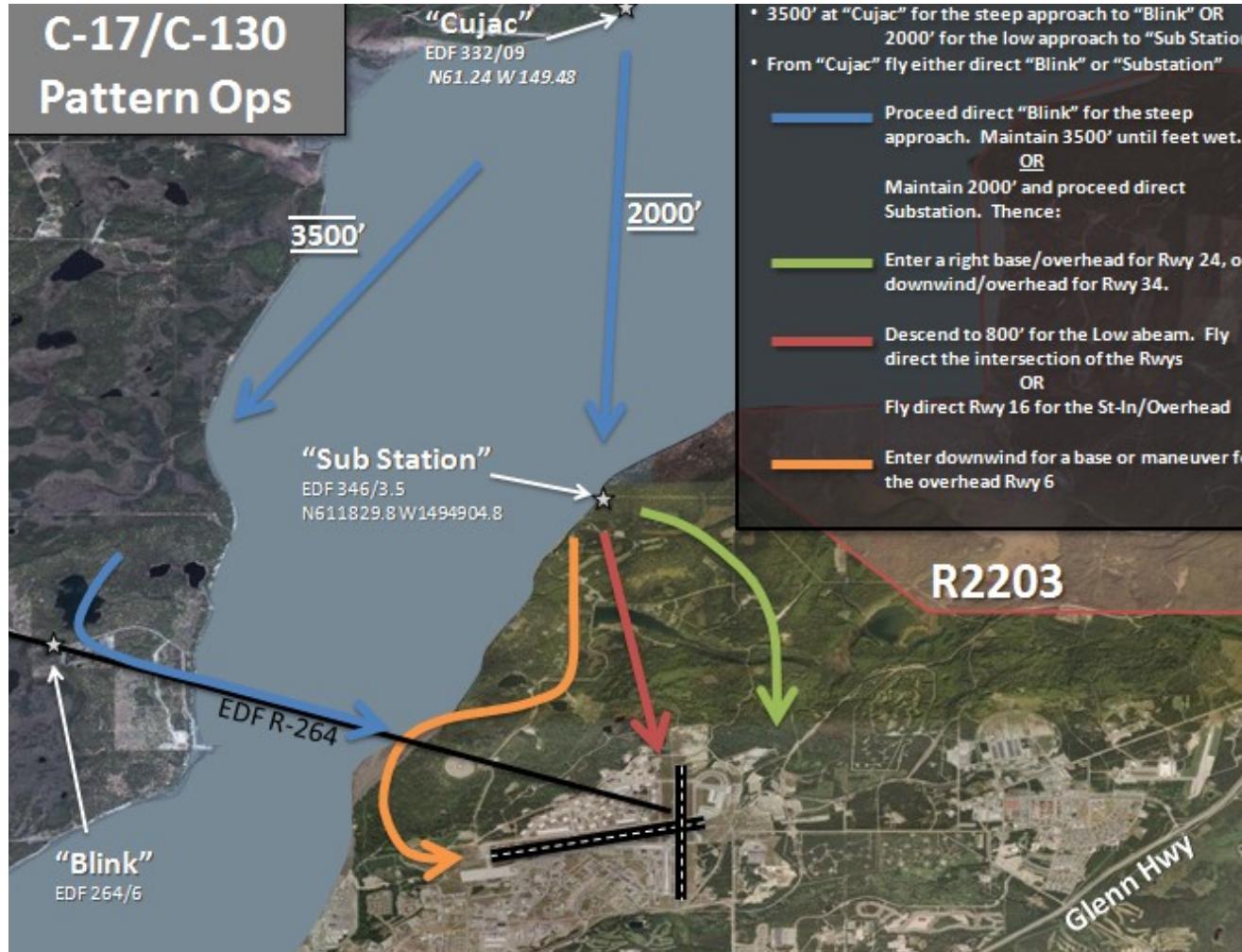
Break middle of RW 6, execute simultaneous IDLE, descending, Tac turns to 1700' patt alt. Lead (Northern most) executes in-place turn to inside downwind; Wingman (Southern most) executes 2 in-place 90° turns.

TAC INT RW 24:

Wingman in 1 NM trail during RTB. #1 points at Antenna Farm and executes a check turn to inside downwind. Descend to 1700' once feet dry. Execute normal right base to Rwy 24.

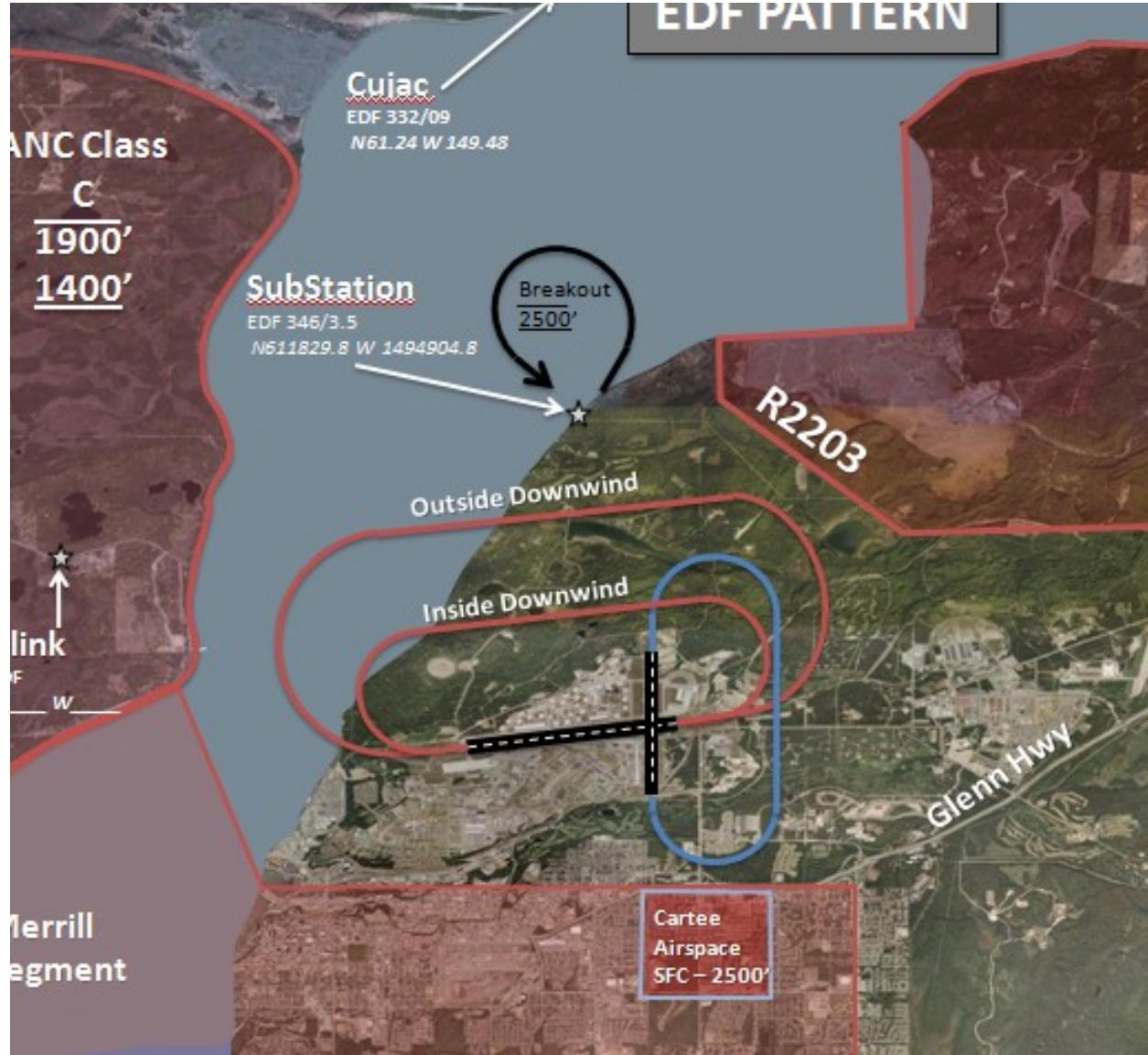


C-17 & C-130 Pattern Ops*





Elmendorf Pattern*





QUESTIONS ?



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BREAK TIME



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AIRSPACE UPDATE



**Maj Bill Moody
611 AOC/CODK**



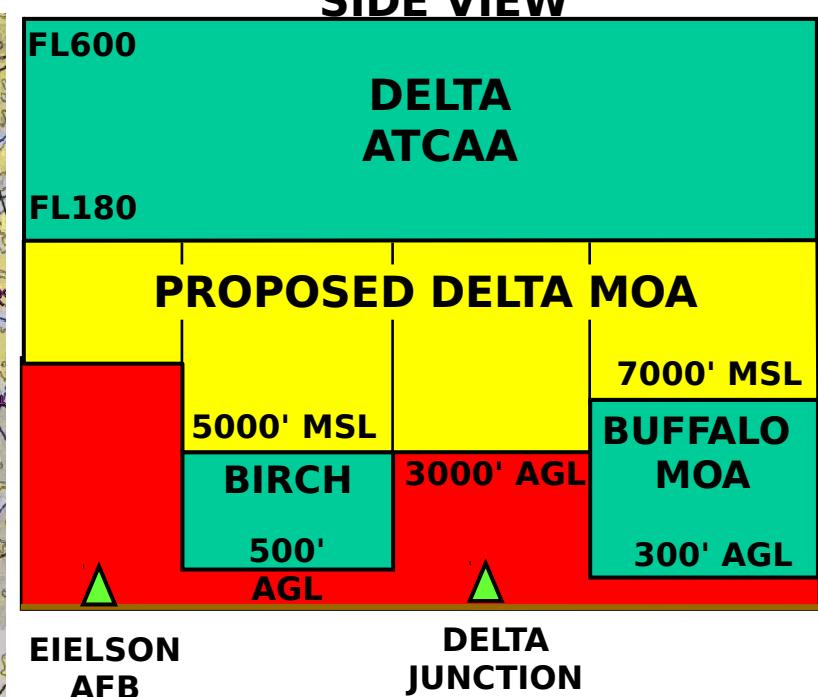
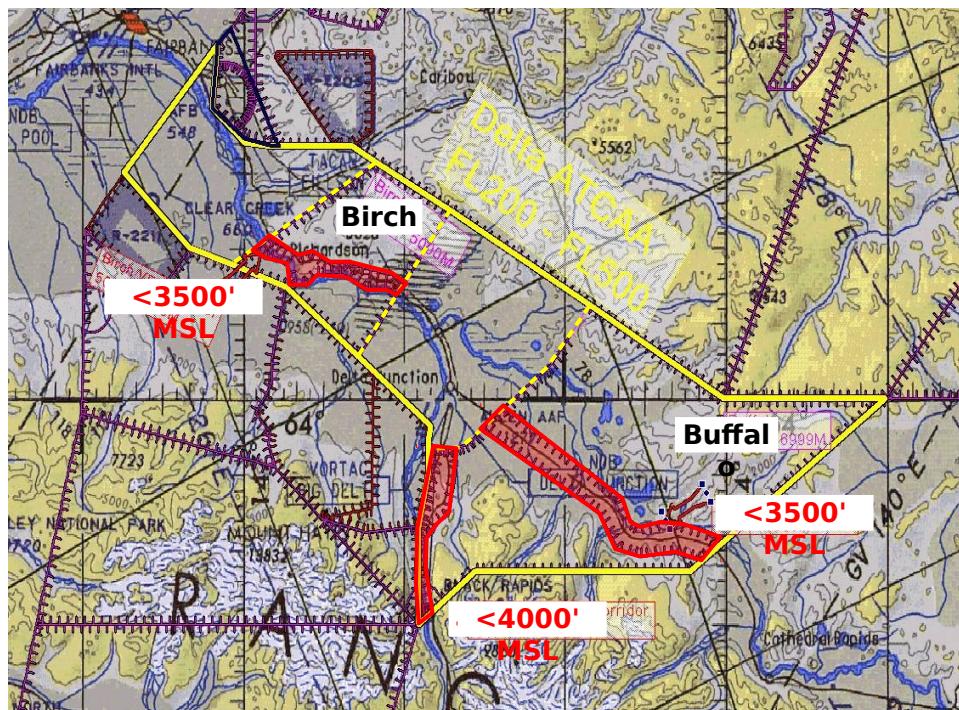
Overview

- 1. Delta MOA Update**
- 2. Airspace Website**
- 3. Exercise scheduling**
- 4. Sub-ACMAC**
- 5. SUAIS**



Charted Delta MOA

- EA Completed/ Approved by FAA
- Scheduled for 18 November chart change
- NO CHANGE FROM TEMP MOA
 - Activated for Major Force Exercises only





JBER - Airspace Websites

- **JBER.AF.MIL**
- **“Alaska Airspace Info” link**



Airspace Website

Joint Base Elmendorf-Richardson

HOME NEWS PHOTOS ART LIBRARY UNITS QUESTIONS JOIN THE AIR FORCE

Alaskan Airspace Info

11 AF Airspace and Range team manage all Alaskan military ranges and airspace; coordinates with FAA and civil aviation agencies; validates Operational Support Airlift; manages and constructs terminal procedures for 23 remote-Alaskan airfields.

Flying in Alaska

- Letter to Public
- Special Use Airspace Information Service (SUAIS) Pamphlet
- C-17 Fact Sheet (Low Levels)
- Alaska's Exercises and Airspace Chart
- Special Use Airspace Chart
- Delta MOA EA Memo
- Delta MOA EA
- C-17 Brief
- MOA
- Restricted Areas
- Elmendorf Midair Collision Avoidance (MACA) Pamphlet
- Eielson Midair Collision Avoidance (MACA) Pamphlet
- MTR Overview North
- MTR Overview South
- MTR Cover Letter

Civil Aircraft Landing Permits (CALP)

For CALP requests contact:
MSG Thompson (907) 552-1448, 4176 or 2359
E-mail: AKLandingPermits@elmendorf.af.mil

DD 2480 Civil Aircraft Certificate of Insurance
DD 2481 Civil Aircraft Landing Permit (CALP)
DD 2492 Civil Aircraft Hold Harmless Agreement
CALP Supplemental Condition of Use
CALP Supplemental Hold Harmless Agreement

Alaska Civil-Military Aviation Council

ACMAC Meeting Minutes Nov 07
ACMAC Meeting Minutes Mar 08
ACMAC Meeting Minutes Oct 08
ACMAC Meeting Briefings Oct 08
ACMAC Meeting Briefings Apr 09
ACMAC Meeting Minutes Apr 09
ACMAC Meeting Briefings - Nov 09
ACMAC Meeting Minutes - Nov 09
ACMAC Meeting Briefings - May 10
ACMAC Meeting Minutes - May 10
Next ACMAC 5 Oct 10

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Contact Info

AIRSPACE AND RANGE OPERATIONS TEAM

Team Chief - 552-2430
Combat Airspace - 552-3636/7707
Airspace Manager - 552-0991
Range Operations - 552-5715
FAX - 552-3978
E-Mail

Links

Elmendorf AFB
Eielson AFB
11 AF
Red Flag - Alaska
Noise Complaints
Flyover Requests
Air show and Open House
F-22 Fact Sheet
C-17 Fact Sheet
Real Time Special Use Airspace (SUA)

The Official Web Site of Joint Base Elmendorf-Richardson

Site Map Contact Us Questions Security and Privacy notice E-publishing

Useful Info:
SUAIS
EAs
MACA Info

CALP #s

ACMAC Minutes

Exercise Info

Contact #'s



Major Force Exercise Scheduling

- Why have exercise during sheep season opening?
- Current scheduling restrictions:
 - No Jan, Sep, Dec (per EIS)
 - Short days = no Oct - Feb
 - 2 weeks between exercises
 - Not for 2 weeks around 4 July
 - Extensive no-fly zones over rivers, caribou, and sheep
- Scheduling team at Pentagon took request for 10 Aug
- Process plans for 3-4 years ahead



Sub-ACMAC Update

■ Sub-ACMAC

- Committee to address/develop solutions to specific, high interest issues
- JPARC EIS notice of intent - early November
- Sub-ACMAC planned for early December 2010
- VTC between North and South Sub-Committees



SUAIS REMINDER

- **Special Use Airspace Information System**
- **Always manned when Mil flyers in SUA**
- **Recorded message other times**
- **Near-real-time info on Mil aircraft**
- **Call before you fly 800-758-8723**
- **Call when you fly 125.3**



QUESTIONS?



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OPEN FORUM



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CLOSING COMMENTS

Col Patrick Moylan